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IN THE CLAIMS

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Please amend the claims as follows:

Claims 1-53 (Canceled).

Claim 54 (New): A method of performing a communication between a sender terminal and a recipient terminal in response to a communication request from the sender terminal using a recipient identifier for uniquely specifying a recipient, the method comprising:

creating an identifier-for-disclosure based on communication condition information for informing communication conditions to a recipient at a time of performing the communication and the recipient identifier;

restoring, when a communication request from the sender terminal based on the identifier-for-disclosure created is received, the recipient identifier and the communication condition information from the identifier-for-disclosure; and

establishing, when the communication conditions included in the communication condition information restored are satisfied, the communication between the sender terminal and the recipient terminal according to the communication request.

Claim 55 (New): The communication method according to claim 54, wherein the creating includes creating an address-for-disclosure based on delivery condition information indicating delivery conditions for a mail delivered to the recipient terminal and a recipient address uniformly specifying a recipient,

the restoring includes restoring, when a mail having the address-for-disclosure created as a destination address is received, restoring the recipient address and the delivery condition

information from the address-for-disclosure serving as the destination address of the mail,
and

the establishing includes, when the delivery conditions included in the delivery condition information restored are satisfied, sending the mail to the recipient terminal.

Claim 56 (New): The communication method according to claim 54, wherein
the creating includes creating a telephone-number-for-disclosure based on call condition information for connecting a call to a recipient telephone and a recipient telephone number,

the restoring includes, when a call connection request based on the telephone-number-for-disclosure created is received, restoring the recipient telephone number and the call condition information from the telephone-number-for-disclosure included in the call connection request, and

the establishing includes, when call conditions included in the call condition information restored are satisfied, connecting the sender telephone and the recipient telephone for a call.

Claim 57 (New): The communication method according to claim 54, wherein the creating includes creating the identifier-for-disclosure in the recipient terminal based on the communication condition information and the recipient identifier.

Claim 58 (New): The communication method according to claim 54, wherein the creating includes creating the identifier-for-disclosure in a predetermined intermediary apparatus that is capable of communicating with the recipient terminal, based on the communication condition information and the recipient identifier.

Claim 59 (New): The communication method according to claim 54, further comprising notifying including a relay system provided between the recipient terminal and the sender terminal notifying the recipient terminal of at least one of the recipient identifier and the restored communication condition information restored.

Claim 60 (New): The communication method according to claim 54, further comprising determining including a relay system provided between the recipient terminal and the sender terminal determining processing contents at a time when the communication conditions included in the communication condition information restored are not satisfied.

Claim 61 (New): The communication method according to claim 54, further comprising determining includes the recipient terminal determining processing contents at a time when the communication conditions included in the communication condition information restored are not satisfied.

Claim 62 (New): The communication method according to claim 54, wherein the communication condition information includes sender limiting information for limiting a sender to whom the identifier-for-disclosure created is disclosed, and the establishing includes, when it is determined that at least a sender who makes the communication request coincides with limitation conditions included in the sender limiting information, establishing the communication between the sender terminal and the recipient terminal according to the communication request.

Claim 63 (New): The communication method according to claim 54, wherein the communication condition information includes disclosure-destination specifying information for specifying a disclosure destination to which the identifier-for-disclosure created is disclosed.

Claim 64 (New): The communication method according to claim 54, wherein the establishing includes, when the communication conditions included in the communication condition information restored are not satisfied, rejecting the communication request.

Claim 65 (New): The communication method according to claim 54, wherein the establishing includes, when the communication conditions included in the communication condition information restored are not satisfied, establishing a communication between a predetermined communication terminal that is different from the recipient terminal and the sender terminal regardless of the communication request.

Claim 66 (New): The communication method according to claim 58, further comprising registering the recipient identifier of each of the recipients and the communication condition information indicating communication conditions at a time of performing the communication with the recipient terminal in the intermediary apparatus, wherein

the creating includes, when a disclosure request for the identifier-for-disclosure is received from the sender terminal, creating the identifier-for-disclosure based on the recipient identifier and the communication condition information registered in the intermediary apparatus.

Claim 67 (New): The communication method according to claim 66, further comprising:

determining whether a sender who makes the disclosure request for the identifier-for-disclosure has a qualification for making the disclosure request; and

rejecting, when it is determined that the sender does not have the qualification, the communication request.

Claim 68 (New): The communication method according to claim 58, further comprising:

generating a preliminary identifier-for-disclosure based on preliminary communication condition information indicating preliminary communication conditions at a time of performing the communication with the recipient terminal, and the recipient identifier; and

registering the preliminary identifier-for-disclosure generated in the intermediary apparatus, wherein

the creating includes:

transmitting, when the disclosure request for the identifier-for-disclosure is received from the sender terminal, the preliminary identifier-for-disclosure and the communication condition information registered in the intermediary apparatus to an identifier-for-disclosure rewriting apparatus to make a request to rewrite the identifier-for-disclosure; and

creating the identifier-for-disclosure from the preliminary identifier-for-disclosure and the communication condition information in response to the request at the transmitting.

Claim 69 (New): The communication method according to claim 68, further comprising:

determining whether the intermediary apparatus has a qualification for making the request based on the preliminary identifier-for-disclosure; and

rejecting, when it is determined that the intermediary apparatus does not have the qualification, the request.

Claim 70 (New): The communication method according to claim 54, wherein the creating includes creating the identifier-for-disclosure by encrypting the recipient identifier and the communication condition information using a predetermined public key, and

the restoring includes, when the communication based on the identifier-for-disclosure created is received, restoring the recipient identifier and the communication condition information by decrypting the identifier-for-disclosure using a secret key corresponding to the public key.

Claim 71 (New): The communication method according to claim 54, wherein the creating includes creating the identifier-for-disclosure by encrypting the recipient identifier and the communication condition information using a predetermined common key, and

the restoring includes, when the communication based on the identifier-for-disclosure created is received, restoring the recipient identifier and the communication condition information by decrypting the identifier-for-disclosure using the common key.

Claim 72 (New): The communication method according to claim 54, wherein the creating includes, when the identifier-for-disclosure is created based on the communication condition information and the recipient identifier, including the communication condition information in the identifier-for-disclosure in such a manner that a third party cannot manipulate the communication condition information.

Claim 73 (New): The communication method according to claim 54, wherein the communication condition information includes a type or a combination of the communication conditions, and

the restoring includes:

extracting the type or the combination of the communication conditions from the identifier-for-disclosure created; and

restoring the recipient identifier and the communication condition information from the identifier-for-disclosure according to the type and the combination of the communication conditions extracted.

Claim 74 (New): A communication system that connects a recipient terminal used by a recipient and a sender terminal that sends a communication request to the recipient terminal via a relay system, and performs a communication between the sender terminal and the recipient terminal in response to a communication request from the sender terminal using a recipient identifier for uniquely specifying the recipient, the communication system comprising an identifier-for-disclosure granting unit including:

an identifier-for-disclosure creating unit that creates an identifier-for-disclosure based on communication condition information indicating communication conditions at a time of performing the communication with the recipient terminal and the recipient identifier; and

a notifying unit that notifies the identifier-for-disclosure created to the sender terminal, wherein

the relay system includes:

a restoring unit that, when a communication request from the sender terminal based on the identifier-for-disclosure granted by the identifier-for-disclosure granting unit is received, restores the recipient identifier and the communication condition information from the identifier-for-disclosure; and

a communication establishing unit that, when the communication conditions included in the communication condition information restored are satisfied, establishes the communication between the sender terminal and the recipient terminal according to the communication request.

Claim 75 (New): The communication system according to claim 74, wherein the identifier-for-disclosure granting unit is a part of the recipient terminal.

Claim 76 (New): The communication system according to claim 74, wherein the identifier-for-disclosure granting unit is an intermediary apparatus different from both the recipient terminal and the relay system.

Claim 77 (New): A relay system that is provided between a recipient terminal used by a recipient and a sender terminal that sends a communication request to the recipient terminal, and relays a communication between the sender terminal and the recipient terminal in response to a communication request from the sender terminal using a recipient identifier for uniquely specifying the recipient, the relay system comprising:

a restoring unit that, when a communication request from the sender terminal based on communication condition information indicating communication conditions at a time of performing the communication with the recipient terminal and a recipient identifier is received, restores the recipient identifier and the communication condition information from the identifier-for-disclosure; and

a communication establishing unit that, when the communication conditions included in the communication condition information restored are satisfied, establishes the communication between the sender terminal and the recipient terminal according to the communication request.

Claim 78 (New): A computer-readable recording medium that stores a communication program for performing a communication between a sender terminal and a recipient terminal in response to a communication request from the sender terminal using a recipient identifier for uniquely specifying a recipient, wherein the communication program causes a computer to execute:

creating an identifier-for-disclosure based on communication condition information for informing communication conditions to a recipient at a time of performing the communication and the recipient identifier;

restoring, when a communication request from the sender terminal based on the identifier-for-disclosure created is received, the recipient identifier and the communication condition information from the identifier-for-disclosure; and

establishing, when the communication conditions included in the communication condition information restored are satisfied, the communication between the sender terminal and the recipient terminal according to the communication request.

Claim 79 (New): A computer-readable recording medium that stores a program for a relay system that is provided between a recipient terminal used by a recipient and a sender terminal that sends a communication request to the recipient terminal, and relays a communication between the sender terminal and the recipient terminal in response to a communication request from the sender terminal using a recipient identifier for uniquely specifying the recipient, wherein the program causes a computer to execute:

restoring, when a communication request from the sender terminal based on communication condition information indicating communication conditions at a time of performing the communication with the recipient terminal and a recipient identifier is received, the recipient identifier and the communication condition information from the identifier-for-disclosure; and

establishing, when the communication conditions included in the communication condition information restored are satisfied, the communication between the sender terminal and the recipient terminal according to the communication request.

Claim 80 (New): A mail delivery system that connects a recipient terminal used by a recipient having a recipient address with a sender terminal that sends a mail having the recipient address as a destination via a network, and delivers the mail to the recipient terminal, the mail delivery system comprising:

an address-for-disclosure issuing unit that issues an address-for-disclosure based on delivery condition information indicating delivery conditions for the mail to be delivered to the recipient and the recipient address; and

a mail transfer unit that, when the mail is received, decrypts the recipient address, extracts the delivery condition information from the address-for-disclosure, and when the mail satisfies the delivery conditions included in the delivery condition information extracted,

changes the destination of the mail from the address-for-disclosure to the recipient address restored to transfer the mail.

Claim 81 (New): The mail delivery system according to claim 80, wherein the address-for-disclosure issuing unit includes:

- a receiving unit that receives the delivery condition information and the recipient address;

- an address-for-disclosure creating unit that encrypts the delivery condition information and the recipient address received to create an address-for-disclosure; and

- an address-for-disclosure returning unit that returns the address-for-disclosure created to the recipient terminal, and

the mail transfer unit includes

- a filter processing unit that, when the mail is received, decrypts the address for-disclosure to restore the recipient address, extract the delivery condition information, and extracts the mail satisfying the delivery conditions included in the delivery condition information extracted; and

- a transfer processing unit that changes the destination of the mail extracted from the address-for-disclosure to the recipient address restored to transfer the mail.

Claim 82 (New): The mail delivery system according to claim 81, wherein the address-for-disclosure issuing unit further includes an encryption-key table in which a plurality of encryption keys are registered,

- the address-for-disclosure creating unit encrypts the delivery condition information and the recipient address received using a predetermined encryption key registered in the encryption-key table to create an address-for-disclosure,

the mail transfer unit further includes a decryption-key table in which a plurality of decryption keys corresponding to each of the encryption keys registered in the encryption-key table are registered, and

the filter processing unit extracts a decryption key corresponding to the predetermined encryption key from the decryption-key table, decrypts the address-for-disclosure using the decryption key extracted to restore the recipient address and to extract the delivery condition information.

Claim 83 (New): The mail delivery system according to claim 82, wherein the address-for-disclosure creating unit adds, when a length of data to be encrypted using the predetermined encryption key registered in the encryption-key table is less than a predetermined length, a random number to satisfy the predetermined length.

Claim 84 (New): The mail delivery system according to claim 82, wherein the encryption keys are registered in the encryption-key table in association with a plurality of key identifiers, respectively,

the address-for-disclosure creating unit includes a key identifier of an encryption key that is used in encrypting the delivery condition information and the recipient address in the address-for-disclosure, and

the filter processing unit extracts a decryption key having the key identifier that is extracted from the address-for-disclosure from the decryption-key table, and decrypts the address-for-disclosure using the decryption key extracted to restore the recipient address and to extract the delivery condition information.

Claim 85 (New): The mail delivery system according to claim 82, wherein the encryption-key table and the decryption-key table are identical tables in which the key identifiers are registered in association with a plurality of common keys, respectively.

Claim 86 (New): The mail delivery system according to claim 82, wherein a plurality of public keys is registered in the encryption-key table in association with the key identifiers, respectively, and a plurality of secret keys corresponding to the public keys registered in the encryption-key table is registered in the decryption-key table in association with same key identifiers, respectively.

Claim 87 (New): The mail delivery system according to claim 81, wherein the address-for-disclosure creating unit sets a sender address for using a communication to the address-for-disclosure, a sender domain for using a communication to the address-for-disclosure, an expiration date of the address-for-disclosure or a starting date of a validity of the address-for-disclosure, or a combination of the conditions as the delivery condition information.

Claim 88 (New): The mail delivery system according to claim 80, wherein the address-for-disclosure creating unit includes a type and a combination of designated delivery conditions in the address-for-disclosure.

Claim 89 (New): The mail delivery system according to claim 88, wherein the address-for-disclosure creating unit includes, when the sender address or the sender domain is

set as the delivery condition information, all or a part of hash values of the sender address or the sender domain in the address-for-disclosure.

Claim 90 (New): The mail delivery system according to claim 81, wherein
the address-for-disclosure issuing unit further includes a random-number sequence table that stores a plurality of random-number sequences, and
the address-for-disclosure creating unit performs a reversible conversion processing of a part of information to be encrypted, using a random-number sequence extracted from the random-number sequence table.

Claim 91 (New): The mail delivery system according to claim 88, wherein
the address-for-disclosure issuing unit further includes a random-number sequence table that stores a plurality of random-number sequences, and
the address-for-disclosure creating unit performs a reversible conversion processing of a part of information to be encrypted, using a random-number sequence extracted from the random-number sequence table.

Claim 92 (New): The mail delivery system according to claim 90, wherein the address-for-disclosure creating unit determines a random number to be extracted from the random-number sequence table, based on a part of information used for creating the address-for-disclosure.

Claim 93 (New): The mail delivery system according to claim 91, wherein the address-for-disclosure creating unit determines a random number to be extracted from the

random-number sequence table, based on a part of information used for creating the address-for-disclosure.

Claim 94 (New): The mail delivery system according to claim 90, wherein the address-for-disclosure creating unit selects a random-number sequence from the random-number sequence table based on the delivery condition information, and performs a reversible conversion processing of the recipient address using the random-number sequence selected.

Claim 95 (New): The mail delivery system according to claim 91, wherein the address-for-disclosure creating unit selects a random-number sequence from the random-number sequence table based on the delivery condition information, and performs a reversible conversion processing of the recipient address using the random-number sequence selected.

Claim 96 (New): The mail delivery system according to claim 90, wherein each of the address-for-disclosure issuing unit and the mail transfer unit further includes an address table that stores a recipient address in association with a predetermined address identifier,

the address-for-disclosure creating unit encrypts the address identifier stored in the address table corresponding to the recipient address and the delivery condition information to create the address-for-disclosure,

the filter processing unit decrypts, when the mail having the address-for-disclosure as a destination is received, the address-for-disclosure to restore the address identifier, extracts

the delivery condition information, and extracts a mail satisfying the delivery conditions included in the delivery condition information extracted, and

the transfer processing unit changes the destination of the mail to the recipient address stored in the address table corresponding to the address identifier restored from the address-for-disclosure to transfer the mail.

Claim 97 (New): The mail delivery system according to claim 91, wherein each of the address-for-disclosure issuing unit and the mail transfer unit further includes an address table that stores a recipient address in association with a predetermined address identifier,

the address-for-disclosure creating unit encrypts the address identifier stored in the address table corresponding to the recipient address and the delivery condition information to create the address-for-disclosure,

the filter processing unit decrypts, when the mail having the address-for-disclosure as a destination is received, the address-for-disclosure to restore the address identifier, extracts the delivery condition information, and extracts a mail satisfying the delivery conditions included in the delivery condition information extracted, and

the transfer processing unit changes the destination of the mail to the recipient address stored in the address table corresponding to the address identifier restored from the address-for-disclosure to transfer the mail.

Claim 98 (New): A method of delivering a mail having a predetermined recipient address as a destination from a sender terminal that sends the mail to a recipient terminal used by a recipient having the recipient address, the method comprising:

issuing an address-for-disclosure based on deliver condition information indicating delivery conditions for the mail to be delivered to the recipient and the recipient address;
restoring including, when the mail is received,
restoring the recipient address; and
extracting the delivery condition information from the address-for-disclosure;
and
changing, when the mail satisfies the delivery conditions included in the delivery condition information extracted, the destination of the mail from the address-for-disclosure to the recipient address restored to transfer the mail.

Claim 99 (New): The mail delivery method according to claim 98, wherein the issuing includes:

receiving the delivery condition information indicating delivery conditions for the mail to be delivered to the recipient and the recipient address;

creating the address-for-disclosure by encrypting the delivery condition information and the recipient address received; and

returning the address-for-disclosure created to the recipient terminal, and the changing includes:

decrypting, when the mail is received, the address-for-disclosure to restore the recipient address, extract the delivery condition information, and extract the mail satisfying the delivery conditions included in the delivery condition information extracted; and

changing the address of the mail extracted from the address-for-disclosure to the recipient address restored to transfer the mail.

Claim 100 (New): The mail delivery method according to claim 99, wherein
the creating includes encrypting the delivery condition information and the recipient address received using an encryption key having a predetermined key identifier registered in an encryption-key table to create the address-for-disclosure, and
the decrypting includes extracting a decryption key having the predetermined key identifier from a decryption-key table and decrypting the address-for-disclosure using the decryption key extracted to restore the recipient address and extract the delivery condition information.

Claim 101 (New): The mail delivery method according to claim 99, wherein, the creating includes setting a sender address for using the address-for-disclosure, a sender domain for using the address-for-disclosure, an expiration date of the address-for-disclosure or a starting date of a validity of the address-for-disclosure, or a combination of the conditions as the delivery condition information.

Claim 102 (New): The mail delivery method according to claim 101, wherein, the creating includes including a type and a combination of designated delivery conditions in the address-for-disclosure.

Claim 103 (New): The mail delivery method according to claim 98, further comprising storing each of the recipient addresses in an address table in association with a predetermined address identifier, wherein

the creating includes encrypting an address identifier stored in the address table corresponding to the recipient address and the delivery condition information to create the address-for-disclosure,

the decrypting includes, when the mail is received, decrypting the address-for-disclosure to restore the address identifier, extracting the delivery condition information, and extracting a mail satisfying the delivery conditions included in the delivery condition information extracted, and

the changing includes changing the destination of the mail from the address-for-disclosure to the recipient address stored in the address table corresponding to the address identifier restored to transfer the mail.

Claim 104 (New): A computer-readable recording medium that stores a mail delivery program for delivering a mail having a predetermined recipient address as a destination from a sender terminal that sends the mail to a recipient terminal used by a recipient having the recipient address, wherein the mail delivery program causes a computer to execute:

issuing an address-for-disclosure based on deliver condition information indicating delivery conditions for the mail to be delivered to the recipient and the recipient address;

restoring including, when the mail is received,

restoring the recipient address; and

extracting the delivery condition information from the address-for-disclosure;

and

changing, when the mail satisfies the delivery conditions included in the delivery condition information extracted, the destination of the mail from the address-for-disclosure to the recipient address restored to transfer the mail.

Claim 105 (New): The computer-readable recording medium according to claim 104, wherein

the issuing includes

receiving the delivery condition information indicating delivery conditions for the mail to be delivered to the recipient and the recipient address;

creating the address-for-disclosure by encrypting the delivery condition information and the recipient address received; and

returning the address-for-disclosure created to the recipient terminal, and the changing includes

decrypting, when the mail is received, the address-for-disclosure to restore the recipient address, extract the delivery condition information, and extract the mail satisfying the delivery conditions included in the delivery condition information extracted; and

changing the address of the mail extracted from the address-for-disclosure to the recipient address restored to transfer the mail.

Claim 106 (New): The computer-readable recording medium according to claim 105, wherein

the creating includes encrypting the delivery condition information and the recipient address received using an encryption key having a predetermined key identifier registered in an encryption-key table to create the address-for-disclosure, and

the decrypting includes extracting a decryption key having the predetermined key identifier from a decryption-key table and decrypting the address-for-disclosure using the decryption key extracted to restore the recipient address and extract the delivery condition information.

Claim 107 (New): The computer-readable recording medium according to claim 105, wherein, the creating includes setting a sender address for using the address-for-disclosure, a

sender domain for using the address-for-disclosure, an expiration date of the address-for-disclosure or a starting date of a validity of the address-for-disclosure, or a combination of the conditions as the delivery condition information.

Claim 108 (New): The computer-readable recording medium according to claim 107, wherein, the creating includes including a type and a combination of designated delivery conditions in the address-for-disclosure.

Claim 109 (New): The computer-readable recording medium according to claim 105, further causing the computer to execute storing each of the recipient addresses in an address table in association with a predetermined address identifier, wherein

the creating includes encrypting an address identifier stored in the address table corresponding to the recipient address and the delivery condition information to create the address-for-disclosure,

the decrypting includes, when the mail is received, decrypting the address-for-disclosure to restore the address identifier, extracting the delivery condition information, and extracting a mail satisfying the delivery conditions included in the delivery condition information extracted, and

the changing includes changing the destination of the mail from the address-for-disclosure to the recipient address stored in the address table corresponding to the address identifier restored to transfer the mail.